

WEB DESIGN & INTERACTIVE MEDIA

Associate of Science Degree Bachelor of Science Degree

The Web Design & Interactive Media programs are designed to educate students on the tools required to create rich, dynamic online content. Students balance their artistic talents with technological skills and design principles to develop graphics, media, software, and programming that facilitate delivery of information for clients via the Internet.

PROGRAM OBJECTIVES

- Utilize the visual language of design
- Utilize and select various media and styles to achieve desired results
- Create graphics using image manipulation software
- Apply interface design principles
- Perform fundamental Internet functions
- Use authoring software
- Create and critique moving and static images that convey thematic meanings
- Describe needs analysis as it pertains to usability
- Use basic scripting commands
- Write HTML code
- Demonstrate a variety of scripting techniques
- Utilize typefaces appropriate for screen-based media
- Develop and present a professional portfolio

Additional Objectives - Bachelor of Science Degree

- Create databases for delivering dynamic content
- Use server-side scripting to deliver database content to a web page
- Work in a team to execute a web-based concept
- Qualify methods and explain how usability impacts a company's bottom-line and business objectives
- Employ the role of design in branding/corporate identity
- Design and produce identity design for multiple formats including print and the Web

ENTRY-LEVEL EMPLOYMENT OPPORTUNITIES

Graduates of the Web Design & Interactive Media programs are prepared to seek entry-level positions as web designers, web developers and web artists.



WEB DESIGN & INTERACTIVE MEDIA

REQUIREMENTS FOR ASSOCIATE OF SCIENCE DEGREE

93 Quarter Credits
Seven 11-Week Quarters or 77 Weeks

GENERAL EDUCATION

GE10110	English Composition I
GE10210	English Composition II
GE10220	College Math
GE10230	Art History: Baroque to Contemporary
GE10320	Effective Speaking
GE10440	History of Motion Media and Mass Communication
GE20510	Ethics
LS10110	Computer Science
LS20620	Business Law

General Education Elective List A (Select 1):

GE10120	Art History: Prehistoric to Mannerist
GE10130	History of Photography
GE10310	World Literature
GE10330	American Government
GE10410	Introduction to Psychology
GE10430	Environmental Science
GE10450	Introduction to Geometry

General Education Elective List B (Select 1):

GE20520	Physics
GE20530	Sociology
GE20540	United States History: Early Period
GE20550	United States History: 20th Century
GE20560	Western Civilization: Ancient to Renaissance
GE20570	Western Civilization: Reformation to WWII
GE20590SA	Study Abroad
GE20610	Theatre Appreciation
GE20710	Aesthetics
GE20810	History of Film

CORE COURSES

GR10110	Fundamentals of Drawing
GR10120	Fundamentals of Design
GR10130	Color Theory
IM0015PF	Portfolio Foundations Web Design & Interactive Media
IM10210	Image Manipulation
IM10220	Digital Typography
IM10310	Introduction to Scripting Languages
IM10340	Advanced Image Manipulation
IM10410	Intermediate Scripting Languages
IM10421	Web Design Workshop
IM20511	E-Learning Design
IM20521	Dynamic Web Scripting
IM20530	Concepts in Motion Design
IM20611	E-Learning Production
IM20620	Interactive Motion Graphics
IM20710	Digital Portfolio I
IM20720	Project Management
IM20810	Digital Portfolio II
IM20820	Advanced Web Scripting
IN20770IM	Internship

Web Design & Interactive Media Elective List (Select 1):

AD10350	Principles of 3-D Modeling
DF10110	Introduction to Video Production
GR10450	Digital Layout
GR10460	Digital Illustration
GR10471	Digital Imaging and Manipulation
IM10330	Introduction to Audio
M20540	Digital Illustration
IM20730	Designing for Multimedia
IM20840	Web Imaging Techniques
IM30940	Net Broadcasting
PH10350	Principles of Digital Photography for Non-Majors



WEB DESIGN & INTERACTIVE MEDIA

REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

180 Quarter Credits
Twelve 11-Week Quarters or 132 Weeks

GENERAL EDUCATION

GE10110	English Composition I
GE10210	English Composition II
GE10220	College Math
GE10230	Art History: Baroque to Contemporary
GE10320	Effective Speaking
GE10440	History of Motion Media and Mass Communication
GE10450	Introduction to Geometry
GE20510	Ethics
GE20520	Physics
GE20540	United States History: Early Period
OR	
GE20550	United States History: 20th Century
GE20560	Western Civilization: Ancient to Renaissance
OR	
GE20570	Western Civilization: Reformation to WWII
GE20710	Aesthetics
GE30910	Theories of Communication
GE30920	Logic
LS10110	Computer Science
LS20620	Business Law

General Education Elective List A (Select 1):

GE10120	Art History: Prehistoric to Mannerist
GE10130	History of Photography
GE10310	World Literature
GE10330	American Government
GE10410	Introduction to Psychology
GE10430	Environmental Science

General Education Elective List B (Select 1):

GE20530	Sociology
GE20540	United States History: Early Period
GE20550	United States History: 20th Century
GE20560	Western Civilization: Ancient to Renaissance
GE20570	Western Civilization: Reformation to WWII

GE20590SA	Study Abroad
GE20610	Theatre Appreciation
GE20810	History of Film

General Education Electives List C (Select 3):

GE30930	Issues in American Society
GE30940	Literature and Culture
GE30950	Music Appreciation
GE30960	Introduction to Museum Studies
GE30970	History of 20th Century Art
GE30980	Creative Writing
GE31010	Study Abroad
GE31030	Comparative Religions
GE31040	Media & Pop Culture

CORE COURSES

DF10110	Introduction to Video Production
OR	
PH10130	Fundamentals of Photography
OR	
PH10350	Principles of Digital Photography for Non-Majors
DF10240	Introduction to Digital Editing
OR	
AD10350	Principles of 3-D Modeling
GR10110	Fundamentals of Drawing
GR10120	Fundamentals of Design
GR10130	Color Theory
IM0015PF	Portfolio Foundations Web Design & Interactive Media
IM10210	Image Manipulation
IM10220	Digital Typography
IM10231	Programming Logic
IM10310	Introduction to Scripting Languages
IM10330	Introduction to Audio
IM10340	Advanced Image Manipulation
IM10410	Intermediate Scripting Languages
IM10421	Web Design Workshop
IM10430	Audio Production for Interactive Design
IM20511	E-Learning Design

IM20521	Dynamic Web Scripting
IM20530	Concepts in Motion Design
IM20540	Digital Illustration
IM20611	E-Learning Production
IM20620	Interactive Motion Graphics
IM20710	Digital Portfolio I
IM20720	Project Management
IM20730	Designing for Interactive Media
IM20810	Digital Portfolio II
IM20820	Advanced Web Scripting
IM20830	Introduction to User Centered Design
IM30911	Advanced Topics in Web Programming
IM30920	Interactive Motion Scripting
IM30930	Usability Testing
IM30940	Net Broadcasting
IM31010	Senior Project Research
IM31020	Integrated Information Design
IM31031	Emerging Technologies
IM31040	Designing for Server Side Technology
IM31110	Senior Project Application and Defense
IM31120	Professional Practice
IN31210IM	BS Internship

Web Design & Interactive Media Elective List (Select 2):

AD10460	Principles of 3-D Animation
AD20721	Character Modeling
AD20841	Material & Lighting
DF10311	Non-Linear Editing
DF20511	Video Graphics
GR10450	Digital Layout
GR10460	Digital Illustration
GR10471	Digital Imaging and Manipulation
IM20840	Web Imaging Techniques
VE20850	Audio Post Production

